REO'D 2 6 MAY 2004

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY O

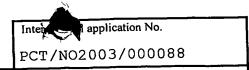
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION See Form PCT/IPEA/416						
E28803 EKR							
International application No.	International filing date (day/month/ye	· 1					
PCT/NO2003/000088	13.03.2003	15.03.2002					
International Patent Classification (IPC) o							
C12N 15/10, C07K 19/00, C12N 7/01, C12Q 1/68							
·							
Applicant							
Lindqvist, Björn H							
This report is the international pre Authority under Article 35 and tre	eliminary examination report, establishe ansmitted to the applicant according to	d by this International Preliminary Examining Article 36.					
2. This REPORT consists of a total	of 3 sheets, including th	is cover sheet.					
3. This report is also accompanied b	y ANNEXES, comprising:						
a. (sent to the applicant	and to the International Bureau) a tota	l of sheets, as follows:					
sheets of the	description, claims and/or drawings whi	ich have been amended and are the basis of this report					
	and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
sheets which	supersede earlier sheets, but which this	Authority considers contain an amendment that goes					
Supplementa		as filed, as indicated in item 4 of Box No. I and the					
	onal Bureau only) a total of (indicate ty	pe and number of electronic carrier(s))					
o. (sem to the thier mane	**	listing and/or tables related thereto, in computer					
readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).							
4. This report contains indications re	elating to the following items:						
Box No. 1 Basis of	f the report						
Box No. II Priority	,						
Box No. III Non-es	stablishment of opinion with regard to no	blishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack o	f unity of invention						
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
	documents cited						
Box No. VII Certair	Box No. VII Certain defects in the international application						
Box No. VIII Certair	observations on the international appli	cation					
Date of submission of the demand	Date of con	Date of completion of this report					
10.10.2003		10.05.2004					
Name and mailing address of the IPEA/S		Authorized officer					
Patent- och registreringsverket Box 5055							
S-102 42 STOCKHOLM	l l	Malin Söderman/EÖ					
Facsimile No. +46 8 667 72 88	Telephone	Telephone No. +46 8 782 25 00					

Form PCT/IPEA/409 (cover sheet) (January 2004)





Box	No. I	Bas	sis of the report				
1.	otherwise indicated under this item.						
	This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:						
			international search (under Rules 12.3 and 23.1(b))				
		Ħ	publication of the international application (under Rule 12.4)				
		Ħ	international preliminary examination (under Rules 55.2 and/or 55.3)				
2.	furnish	With regard to the elements of the international application, this report is based on (replacement sheets which have been expressed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):					
	\boxtimes		emational application as originally filed/furnished				
		the de	scription: as originally filed/furnished				
		pages	11 Mark Market				
		pages*					
		pages'					
		the cla	as originally filed/furnished				
		pages	and the control with any statement) under Article 19				
		pages' pages'					
		pages					
	\Box		awings:				
		pages	as originally filed/furnished				
		pages					
		pages					
		a sequ	uence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.				
3.		The a	mendments have resulted in the cancellation of:				
			the description, pages				
		同	the claims, Nos.				
		同	the drawings, sheets/figs				
		Ħ	the sequence listing (specify):				
		Ħ	any table(s) related to the sequence listing (specify):				
This report has been established as if (some of) the amendments annexed to this re			report has been established as if (some of) the amendments annexed to this report and listed below had not bee, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Re				
			the description, pages				
			the claims, Nos.				
1		一	the drawings, sheets/figs				
		一	the sequence listing (specify):				
		一	any table(s) related to the sequence listing (specify):				
			•				
. *	If ite	ет 4 арр	olies, some or all of those sheets may be marked "superseded."				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Internation No.
PCT/NO2003/00088

Box No. V		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement					
	Novelty (N)		Claims	1-26	YES	
	11070	5 (1.7)	Claims	1 20	NO	
	Invent	tive step (IS)	Claims	1-26	YES	
			Claims		NO	
	Indust	trial applicability (IA)	Claims	1-26	YES	
			Claims		NO	

2. Citations and explanations (Rule 70.7)

Reference is made to the following documents:

D1: Smith et al. "Filamentous Fusion Phage: Novel Expression Vectors That Display Cloned Antigens on Virion Surface", vol 228, 1985, pg 1315-1317

D2: Ichiro et al. "An in vitro DNA virus for in vitro protein evolution", vol 508, 2001, pg 309-312

D3: WO9831700 A1

The cited documents represent the general state of the art.

The invention defined in claims 1-26 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed display virus complex or to using the display virus complex in an array technology. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-26 is novel and is considered to involve an inventive step. The invention is industrially applicable.